

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

B6;129S4-Ror2^{tm1.1Meg/J}

RRID:IMSR_JAX:018354

Type: Organism

Proper Citation

RRID:IMSR_JAX:018354

Organism Information

URL: <https://www.jax.org/strain/018354>

Proper Citation: RRID:IMSR_JAX:018354

Description: Mus musculus with name B6;129S4-Ror2^{tm1.1Meg/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: receptor tyrosine kinase-like orphan receptor 2; mutant stock: Ror2

Affected Gene: receptor tyrosine kinase-like orphan receptor 2

Genomic Alteration: targeted mutation 1.1; Michael E Greenberg

Catalog Number: JAX:018354

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S4-Ror2^{tm1.1Meg/J}

Record Creation Time: 20250513T053737+0000

Record Last Update: 20260919T054925+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Ror2^{tm1.1Meg/J}.

No alerts have been found for B6;129S4-Ror2^{tm1.1Meg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#) .

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. *Developmental cell*, 57(13), 1566.

Jing J, et al. (2021) Reciprocal interaction between mesenchymal stem cells and transit amplifying cells regulates tissue homeostasis. *eLife*, 10.

Zhang H, et al. (2019) Agrin-Lrp4-Ror2 signaling regulates adult hippocampal neurogenesis in mice. *eLife*, 8.

O'Brien LL, et al. (2018) Wnt11 directs nephron progenitor polarity and motile behavior ultimately determining nephron endowment. *eLife*, 7.